

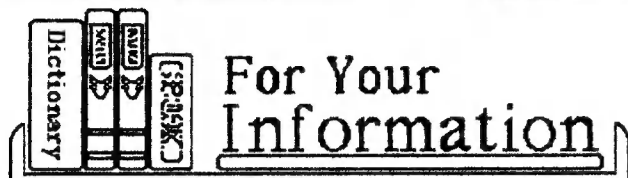
## Mid-State Amateur Radio Club

President: Joe Vergara EA9ZPA  
Vice Pres: Keith Cohoon K9PTI  
Secretary: Bob Dales WB9AYB  
Treasurer: Mac McCarty NV9K  
Repeater Trustee: David Julian WB9YDG

WB9YIG/R  
146.835

# The Spark Gap

January 1992



**Novice Class:** The club will be sponsoring a Novice class starting on Monday February 3rd at 7 PM. The classes will be in the meeting room of the Civil Defense. Present plans call for an 8 to 10 week course. The class last year seemed to produce more prospective no-code techs than code-novices. If this happens again it will probably be our last effort to have a Novice class. If you know of any prospects for the class please pass the word along.

**Reminder:** Club dues are now due. You can mail your dues or pay them at the January 18th meeting. The address for mailing is:

Mid-State Amateur Radio Club  
P. O. Box 836  
Franklin, In. 46131

**Reminder:** If you pay your ARRL dues through the club we can keep two dollars of your fee for our club!



## NEW TECH

Recently we featured an article about "Intelligent Shopping Carts" and now we have reports of "Intelligent" vending machines! The Tokyo Coca Cola company is now using microprocessors, wireless

telecommunications, and network technology to tie its vending machines into its on-line system for tracking sales and inventory. The machines will be fitted with radio transceivers so they can exchange data with a central computer.

The radio transmissions are handled through a service that provides dedicated radio bands for high-speed data transmission. The radio signals go to and from a central terminal which is connected to the host computer at the head office via normal telephone lines. If trials are successful, the company will extend the service to most of their machines. Question: If the U. S. copies this, will it present yet another challenger for a piece of the Amateur Radio allocated spectrum?

Quote from 100 years ago: We know little as yet about the mighty agency of electricity. Some tell us it is a ~~kind of~~ matter. Others view it not as mat as a form of energy. Still others both these views. One professor o it a mode of manifestation of Higher authorities cannot even y whether we have one electricity opposite electricities! Therefore to persevere in experimen observation. Even if we never lea... electricity is, we shall assuredly discover more about its attributes and its functions. We have progressed!

# Franklin High School Holds Amateur Radio Class

Seventeen students at Franklin Community High School have been learning about amateur radio in a nine day intensive class. The students spend the entire day with teacher Barb Coboon (KB9GWF). They have each built a morse code trainer and are learning to send and receive the code. They are also trying to learn the theory necessary to pass the novice exam which will be offered to them on Friday, January 17, by Mac McCarty (NV9K) and Keith Coboon (K9PDI).

It hasn't been all work though. Bob Doles (WB9AYB) spoke to the students and answered many questions. He also demonstrated the equipment in his van. Mary Alice Comstock (WB9SPX) also spoke to the students. Mary Alice is the school librarian and already known to the students.

The students also took field trips to tour the WTHR TV and WZPL radio stations. Thanks to Eric Sluder (KB9BGS) they were able to tour GTE Telecomm. They also spent some time at Keith Coboon's "ham shack".

Students enrolled in the class are: Tim Arnold, Ethan Ferry, Nathan Goode, Mike Haggard, Jason Hargis, Kristin Harmon, Jason Hilton, Paul Howard, Chris Lepper, Tracy Long, Jim Moore, Brad Odom, Kent Petro, Keith Ping, Tim Smock, Andreas Sohnlein, and Chad Wiedenbaupt. Andreas is an exchange student from Switzerland. When he returns home and passes his test he'll be able to keep in touch with his friends from Franklin.

**FROM THE PRESIDENT:** I hope everyone had a nice holiday season and are ready for another year. I would like to see a big turnout for the club meeting this saturday. We are hoping to have a talk on broadcasting by Larry KB9FVJ of channel 40 TV. Also Jack, NT9J, has some video tapes to show. See you there!



**NEW YEAR'S RESOLUTION:**  
To try to attend all the club meetings!

**HAPPY NEW YEAR**

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Mid-State Amateur Radio Club  
P. O. Box 836  
Franklin, In. 46131

MID-STATE AMATEUR RADIO CLUB  
MONTHLY FINANCIAL REPORT FOR SEPTEMBER THROUGH JANUARY 1991

N	DATE:	ITEM:	ITEM No:	FOR:	CREDIT:	DEBIT:	DEPOS:	CASH HAND:	ON DEPOSIT:	TOTAL:
60	. 911001	Close Franklin Account	CK-159	To Change Banks	0	813.45	0	0	0	0
61	. 911002	Check from Franklin Bank		To Transfer Account	813.45	0	0	813.45	0	813.45
62	. 911002	Open New P.O. Box 836	Cash	Franklin Post Office	0	35	0	778.45	0	778.45
63	. 911002	Deposit to New Account	D-8	First Indiana Bank	0	0	778.45	0	778.45	778.45
64	. 911002	Credit for old checks	R-1890	First Indiana Bank	3.75	0	0	3.75	778.45	782.2
65	. 911002	Deposit credit for cks.	D-9	First Indiana Bank	0	0	3.75	0	782.2	782.2
66	. 911002	Dues for Full Memb.	R-1891	Joan Kemp N9DON	6	0	0	6	782.2	788.2
67	. 911005	Phone Bill (Sept)	CK-91	United Telephone Co.	0	25.13	0	6	757.07	763.07
68	. 911005	Deposit	D-10	One Membership	0	0	6	0	763.07	763.07
69	. 911007	Dues	R-1892	Charles Sears N9MEW	4.5	0	0	4.5	763.07	767.57
70	. 911019	Phone Bill (Oct)	CK 161	United Telephone Co.	0	25.33	0	4.5	737.74	742.24
71	. 911019	Dues (ARRL)	R-1893	Jack Parker NT9J	30	0	0	34.5	737.74	772.24
72	. 911021	Dues to ARRL	CK-162	Jack Parker NT9J	0	30	0	34.5	707.74	742.24
73	. 911022	Deposit	D-11	1 memb and J. Parker	0	0	34.5	0	742.24	742.24
74	. 911111	Dues (2 Mo.)	R-1894	Keath Rhymer N9LXZ	3	0	0	3	742.24	745.24
75	. 911118	Phone Bill (Nov) CL-9	CK-164	United Telephone Co.	0	25.14	0	3	717.1	720.1
76	. 911021	New Checks	CL-10	First Indiana Bank	0	27.05	0	3	690.05	693.05
77	. 911203	Liability Insurance	CK-163	Wohler Ins. Co.	0	254	0	3	436.05	439.05
78	. 911203	Postage/Newsletter	CK-165	U.S. Post Office CL-12	0	29	0	3	407.05	410.05
79	. 911221	Dues	1895	Joe Rogers KB9QQD	18	0	0	21	407.05	428.05
80	. 911221	Dues	1896	Lendel Cook W9LNX	18	0	0	39	407.05	446.05
81	. 911221	Phone Bill (Dec) CL-13	CK-166	United Telephone Co.	0	25.13	0	39	381.92	420.92
82	. 920103	Deposit dues	D-12	Memberships	0	0	39	0	420.92	420.92
83	. 920113	Dues	1897	Bob Betts N9KDX	18	0	0	18	420.92	438.92
TOTALS: ( Since Jan 1, 1991 )					2092.09	1653.17	2074.09	18	420.92	438.92